12 JUL 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL LETTER TO THE UNITED STATES ATTORNEY'S DOCKET NUMBER 03200PCT DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 OFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PCT/JP2005/001627 INTERNATIONAL FILING DATE 28 January 2005 (28.01.2005) PRIORITY DATE 30 January 2004 (30.01.2004) TITLE OF INVENTION Method for producing acrylic acid APPLICANT(S) FOR DO/EO/US Masahide SHIMA; Tsukasa TAKAHASHI Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include 3. 🔯 items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. XI An English language translation of the International Application as filed (35 U.S.C. $\boxtimes$ is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. 🗆 An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. 14. An application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION	CATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/JP2005/001627		ATTORNEY'S DOCKET NUMBER 03200PCT			
20.  Other items or information:						
The following fees are submitted:				CALCULATIONS	PTO USE ONLY	
21. 🗵 Basic national fee (37 CFR 1.492(a))				\$ \$300.00		
22.  Examinating the written opinion report prepared by 33(1)-(4)	\$ \$200,00					
23. Search fee (37 CFR 1.492(b))						
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0						
Search fee (37 CFF USPTO as an Inter						
USPTO as an International Searching Authority						
	····			\$ \$400.00		
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding				\$ \$900.00		
sequence listing an elect	for specification and drawing ig in compliance with 37 CFF ronic medium) (37 CFR 1.49 0 for each additional 50 shee					
Total Sheets Ex						
15 - 100 =	) /50 =	0	× \$250.00	\$ \$0.00		
Surcharge of \$130. declaration after the	00 for furnishing any of the set date of commencement of	\$				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	8 - 20 =	0	x \$50.00	\$ \$0.00		
Independent	1 - 3=	0	x \$200.00	\$ \$0.00		
Multiple Dependent Claims (if applicable)   □ + \$360.00			• • • • • • • • • • • • • • • • • • • •	\$ \$360.00		
TOTAL OF ABOVE CALCULATIONS =				\$ \$1,260.00	ļ	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ \$0.00 \$ \$1,260.00		
SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months				J 31,200.00	1	
from the earliest claimed priority date (37 CFR 1.492(i)).				\$		
TOTAL NATIONAL FEE =				\$ \$1,260.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per +				\$ \$40.00		
TOTAL FEES ENCLOSED =				\$ \$1,300.00		
				Amount to be refunded:	\$	
				Amount to be charged:	\$	

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	<del></del>					
a. A check in the amount of to cover the above fees is en	closed.					
b. Please charge my Deposit Account 50-3288 in the amount of A duplicate copy of this sheet is enclosed.	\$1,300.00 to cover the above fees.					
c. The Commissioner is hereby authorized to charge any additional fees which m to Deposit Account A duplicate copy of this sheet in	is enclosed.					
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND ALL CORRESPONDENCE TO:						
Robert J. Jacobson, P.A.	WA J. R 7-12-06					
650 Brimhall Street South Saint Paul, MN 55116-1511 SIGNAT	URE					
	Robert J. Jacobson					
NAME						
	32,419					
REGIST	RATION NUMBER					

Practitioner's Docket No. 03200PCT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Nippon Shokubai Co., Ltd.

Serial No.: OF EVEN DATE Filed: July 12, 2006

For: Method for producing acrylic acid

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING VIA EXPRESS MAIL

Sir:

I hereby certify that the attached patent application (or national stage documents) consisting of the following papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on July 12, 2006 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, under Express Mail Post Office to Addressee Label No. EQ-659-110-183-US:

- 1) This Certificate Of Mailing Via Express Mail dated 07/12/2006 (one
- 2) Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 dated 07/12/2006 (PTO-1390, three pages plus duplicate);
- 3) Preliminary Amendment dated July 12, 2006 (six pages);

4) Application Data Sheet (three pages);

5) Verification of Translation dated June 20, 2006 (one page) having the translation of the International Application as filed consisting of: a) Description (pages 1-13); Claims (page 14); Abstract (page 15);

6) No drawings;

- 7) Copy of the front page of WO 2005/073160 Al (one page) and International Search Report (PCT/ISA/210, two pages);
- 8) Copy of Notification Of Receipt Of Record Copy (PCT/IB/301, two pages);
- 9) Copy of the Second and Supplementary Notice Informing The Applicant Of The Communication Of The International Application (PCT/IB/308, one page);
- 10) Declaration For Utility Or Design Patent Application having Power of Attorney (three pages);
- 11) Assignment documents consisting of a) Recordation Form Cover Sheet dated 07/12/2006 (one page plus duplicate); b) Assignment of Invention (two
- 12) Information Disclosure Statement dated 07/12/2006 (two pages) having PTO-1449 form (one sheet) and the seven references noted on the PTO-1449, with an English abstract for references 1-2; and

13) Postcard Receipt.

Respectfully submitted,

Date: 7-12-2006

Tel. No.: (651) 699-7900

Fax. No.: (651) 699-7901

Ralut + XC Robert J. Udchoson, Reg. No. 32,419

650 Brimhall Street South St. Paul, MN 55116-1511

## **VERIFICATION OF TRANSLATION**

I, Takehiko MATSUMOTO, c/o Matsumoto & Associates of 25-6, Hannan-cho 1-chome, Abeno-ku, OSAKA 545-0021 JAPAN, am proficient in both the English and Japanese languages and I personally prepared the English-language translation of the attached document, I certify that to the best of my knowledge and belief the translation is a complete and accurate translation of the Japanese document into the English language.

June 20, 2006

Date Takehiko MATSUMOTO